MatrixPRO 8x8 DVI

Quick Start Guide
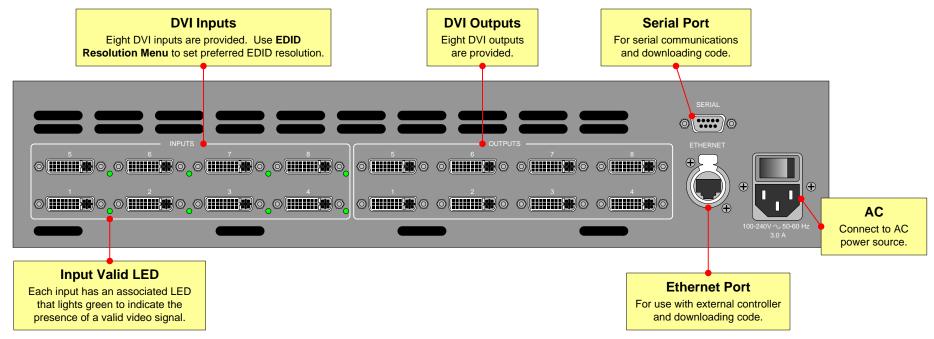
BARCO
Visibly yours

DVI Inputs
Eight DVI inputs are provided. Use **EDID Resolution Menu** to set preferred EDID resolution.

DVI Outputs
Eight DVI outputs are provided.

Serial Port
For serial communications and downloading code.

SERIAL

INPUTS

OUTPUTS

ETHERNET

5 6 7 8

1 2 3 4

5 6 7 8

1 2 3 4

100-240V ∿ 50-60 Hz
3.0 A

AC
Connect to AC power source.

Input Valid LED
Each input has an associated LED that lights green to indicate the presence of a valid video signal.

Ethernet Port
For use with external controller and downloading code.

Quick Install

Signal Connection and Factory Reset

1. Observe all safety precautions. Rackmount chassis, or install in "tabletop" configuration.
2. Connect outputs from DVI sources to DVI inputs 1 through 8.
3. Connect MatrixPRO outputs 1 through 8 to DVI inputs on destination devices.
4. (Optional) For Ethernet connection, use a "local" network only. Connect MatrixPRO's Ethernet Port to hub. Connect hub to peripheral Ethernet devices.
5. (Optional) For serial connection, connect MatrixPRO's RS-232 port to external RS-232 device (e.g., PC).
6. Turn power on.
5. (Optional) Perform a factory reset: **Main Menu > Setup > Factory Reset**, [SEL]

   This action cancels all routes, clears all presets, and resets IP address to default.

Common Setup Functions

Set EDID Resolution

1. **Main Menu > EDID Setup**.
2. Scroll to "**Input**" line, [SEL]
3. Rotate **ADJUST** knob to select individual or all inputs, [SEL]
4. Scroll to "**Format**" line, [SEL]
5. Rotate **ADJUST** knob to select preferred resolution, [SEL]
6. Reboot external computers.

Pre-select a Test Pattern

1. **Main Menu > Test Pattern**.
2. Scroll to "**Output**" line, [SEL]
3. Rotate **ADJUST** knob to select individual or all outputs, [SEL]
4. Scroll to "**Type**" line, [SEL]
5. Rotate **ADJUST** knob to select a test pattern, [SEL]

Common Setup Functions

Enable/disable DHCP

1. **Main Menu > Setup > System**.
2. Scroll to "**DHCP**" line, [SEL]
3. Rotate **ADJUST** knob to preferred setting, [SEL]

Unlock Control Panel

If the panel is locked and it is required that you gain access:
1. Ensure that panel is currently (or temporarily) available for local use.
2. Press (simultaneously) [SEL] + [ESC] + [TAKE]

MatrixPRO 8x8 DVI Router User's Guide

- For complete details on all installation and operating procedures, please refer to the MatrixPRO 8x8 DVI Router User's Guide.
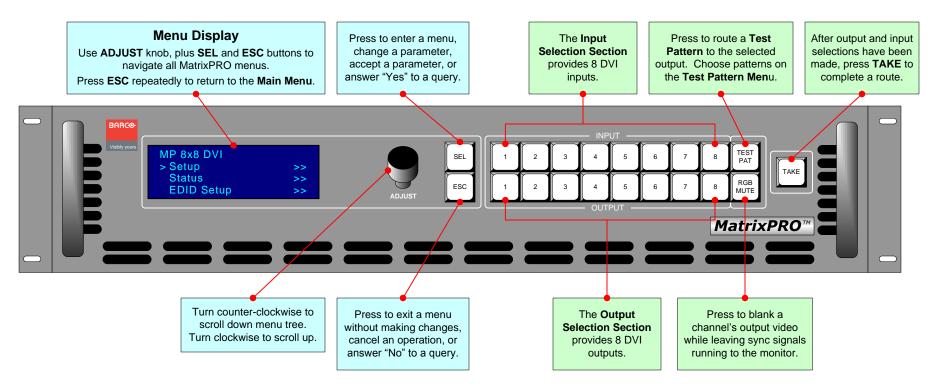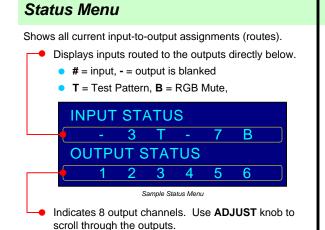
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Quick Start Guide

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Menu Display
Use **ADJUST** knob, plus **SEL** and **ESC** buttons to navigate all MatrixPRO menus.
Press **ESC** repeatedly to return to the **Main Menu**.

Press to enter a menu, change a parameter, accept a parameter, or answer "Yes" to a query.

The **Input Selection Section** provides 8 DVI inputs.

Press to route a **Test Pattern** to the selected output. Choose patterns on the **Test Pattern Men**u.

After output and input selections have been made, press **TAKE** to complete a route.

MP 8x8 DVI
> Setup   >>
  Status   >>
  EDID Setup   >>

ADJUST

SEL

ESC

INPUT
1 2 3 4 5 6 7 8 | TEST PAT
1 2 3 4 5 6 7 8 | RGB MUTE
OUTPUT

TAKE

MatrixPRO™

Turn counter-clockwise to scroll down menu tree. Turn clockwise to scroll up.

Press to exit a menu without making changes, cancel an operation, or answer "No" to a query.

The **Output Selection Section** provides 8 DVI outputs.

Press to blank a channel's output video while leaving sync signals running to the monitor.

Status Menu

Shows all current input-to-output assignments (routes).

Displays inputs routed to the outputs directly below.
- **#** = input, **-** = output is blanked
- **T** = Test Pattern, **B** = RGB Mute,

INPUT STATUS
- 3 T - 7 B
OUTPUT STATUS
1 2 3 4 5 6

Sample Status Menu

Indicates 8 output channels. Use **ADJUST** knob to scroll through the outputs.

In the User's Guide, refer to the "**Status Menu**" section for additional details.

Common Operating Functions

- **Perform a Take**: Select Output, select Input, [TAKE]

- **Clear a Route**: Select Output to clear, select current input (or [TEST PAT], or [RGB MUTE]), [TAKE]

- **Route a Test Pattern**: Select pattern on **Test Pattern Menu**, select Output, [TEST PAT], [TAKE]

- **Mute an Output**: Select Output, [RGB MUTE], [TAKE]

- **Create a Group**: Press and *hold* first output. While holding, press buttons for additional inputs and outputs. Release first output.

In the User's Guide, refer to the "**Quick Function Reference**" table for shortcuts to all functions.

Menu Tree — *only top level functions are shown*

Main Menu

Setup Menu	Status Menu	EDID Setup Menu	Cable EQ Menu
System Menu	Status Menu	Select Input	Select Input
Factory Reset		Set Resolution	Set EQ
Tech Support		Reset EDID	Set to Default
			Set to Max
			Set to Min

Main Menu (continued)

Test Pattern Menu	Vertical Switching Menu	Save Preset Menu	Recall Preset Menu
Set Resolution	Enable/Disable	Select File	Select File
Select Output	Select Source		
Select Pattern			
Raster Box			

In the User's Guide, refer to the "**Using the Menu System**" section for additional details.